

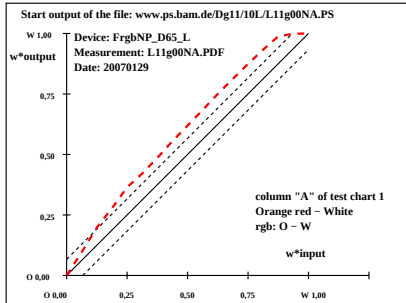
www.ps.bam.de/De17/L17E00N1.PS/.TXT: Start output  
N: No Output/Linearization (OL) data in File (F), Startup (S) or Device (D)

| T                                                    | LAB*a <sub>ref</sub> | h <sub>ab</sub> y <sub>ref</sub> | LAB*b <sub>ref</sub> | h <sub>ab</sub> u <sub>ref</sub> | LAB*a <sub>out</sub> -ref ΔE* | h <sub>ab</sub> u <sub>out</sub> -ref ΔH* | Start output S1 |     |     |      |       |      |      |     |     |                                         |
|------------------------------------------------------|----------------------|----------------------------------|----------------------|----------------------------------|-------------------------------|-------------------------------------------|-----------------|-----|-----|------|-------|------|------|-----|-----|-----------------------------------------|
| 0                                                    | 1 35.9               | 60.7                             | 44.5                 | 36                               | 35.9                          | 60.7                                      | 44.5            | 36  | 0.0 | 0.0  | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | Specification according to              |
| 2                                                    | 39.5                 | 56.9                             | 41.7                 | 36                               | 40.2                          | 58.0                                      | 36.9            | 32  | 0.7 | 1.1  | -4.7  | 4.9  | 5.0  | 0.0 | 0.0 | ISO/IEC 15775:1999 Annex G              |
| 3                                                    | 43.0                 | 53.1                             | 39.0                 | 36                               | 45.1                          | 53.5                                      | 29.9            | 29  | 2.1 | 0.4  | -9.0  | 9.1  | 9.3  | 0.0 | 0.0 | and DIN 33866-1:2000 Annex G            |
| 4                                                    | 46.6                 | 49.3                             | 36.2                 | 36                               | 49.9                          | 48.2                                      | 26.2            | 29  | 3.3 | -1.0 | -9.9  | 10.0 | 10.6 | 0.0 | 0.0 | relative CIELAB data used for "out"     |
| 5                                                    | 50.1                 | 45.5                             | 33.4                 | 36                               | 54.4                          | 43.2                                      | 21.4            | 26  | 4.3 | -2.2 | -11.9 | 12.2 | 12.9 | 0.0 | 0.0 | ΔE* = 92.71 - 35.94                     |
| 6                                                    | 53.7                 | 41.7                             | 30.6                 | 36                               | 58.0                          | 38.5                                      | 20.0            | 27  | 4.3 | -3.1 | -10.5 | 11.1 | 11.9 | 0.0 | 0.0 | Regularity                              |
| 7                                                    | 57.2                 | 37.9                             | 27.9                 | 36                               | 61.6                          | 34.7                                      | 16.8            | 26  | 4.3 | -3.1 | -10.9 | 11.5 | 12.3 | 0.0 | 0.0 | g* = 41.7                               |
| 8                                                    | 60.8                 | 34.1                             | 25.1                 | 36                               | 65.9                          | 29.7                                      | 14.8            | 26  | 5.1 | -4.3 | -10.2 | 11.2 | 12.3 | 0.0 | 0.0 | Lightness gamut relative to offset      |
| 9                                                    | 64.3                 | 30.3                             | 22.3                 | 36                               | 69.8                          | 25.4                                      | 12.6            | 26  | 5.4 | -4.8 | -9.6  | 10.9 | 12.2 | 0.0 | 0.0 | f* = 73.3                               |
| 10                                                   | 67.9                 | 26.5                             | 19.5                 | 36                               | 73.7                          | 21.2                                      | 10.2            | 26  | 5.8 | -5.2 | -9.2  | 10.7 | 12.2 | 0.0 | 0.0 | Orange red - White                      |
| 11                                                   | 71.4                 | 22.7                             | 16.8                 | 36                               | 77.6                          | 17.1                                      | 7.5             | 24  | 6.2 | -5.5 | -9.2  | 10.8 | 12.4 | 0.0 | 0.0 | rgb: O - W                              |
| 12                                                   | 75.0                 | 18.9                             | 14.0                 | 36                               | 81.3                          | 13.1                                      | 5.2             | 22  | 6.4 | -5.7 | -8.7  | 10.5 | 12.3 | 0.0 | 0.0 | Mean CIELAB difference (17 steps)       |
| 13                                                   | 78.5                 | 15.1                             | 11.2                 | 37                               | 85.0                          | 8.9                                       | 3.2             | 20  | 6.5 | -6.1 | -7.9  | 10.1 | 12.0 | 0.0 | 0.0 | ΔH <sup>*</sup> <sub>CIELAB</sub> = 8.6 |
| 14                                                   | 82.1                 | 11.3                             | 8.4                  | 37                               | 88.7                          | 4.5                                       | 2.1             | 25  | 6.7 | -6.7 | -6.2  | 9.3  | 11.4 | 0.0 | 0.0 | ΔE <sup>*</sup> <sub>CIELAB</sub> = 9.6 |
| 15                                                   | 85.6                 | 7.5                              | 5.6                  | 37                               | 92.1                          | 0.0                                       | 1.5             | 90  | 6.5 | -7.4 | -4.0  | 8.6  | 10.7 | 0.0 | 0.0 | ΔH <sup>*</sup> <sub>CIELAB</sub> = 8.6 |
| 16                                                   | 89.2                 | 3.7                              | 2.9                  | 38                               | 92.6                          | 0.0                                       | 0.1             | 90  | 6.4 | -3.6 | -2.7  | 4.6  | 5.8  | 0.0 | 0.0 | ΔE <sup>*</sup> <sub>CIELAB</sub> = 9.6 |
| W 17                                                 | 92.7                 | 0.0                              | 0.1                  | 135                              | 92.7                          | 0.0                                       | 0.1             | 135 | 0.0 | 0.0  | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | Mean CIELAB difference (5 steps)        |
| 0                                                    | 18 35.9              | 60.7                             | 44.5                 | 36                               | 35.9                          | 60.7                                      | 44.5            | 36  | 0.0 | 0.0  | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | ΔH <sup>*</sup> <sub>CIELAB</sub> = 6.6 |
| 19                                                   | 50.1                 | 45.5                             | 33.4                 | 36                               | 54.4                          | 43.2                                      | 21.4            | 26  | 4.3 | -2.2 | -11.9 | 12.2 | 12.9 | 0.0 | 0.0 | ΔE <sup>*</sup> <sub>CIELAB</sub> = 7.4 |
| 20                                                   | 64.3                 | 30.3                             | 22.3                 | 36                               | 69.8                          | 25.4                                      | 12.6            | 26  | 5.4 | -4.8 | -9.6  | 10.9 | 12.2 | 0.0 | 0.0 | Mean CIELAB difference (5 steps)        |
| 21                                                   | 78.5                 | 15.1                             | 11.2                 | 37                               | 85.0                          | 8.9                                       | 3.2             | 20  | 6.5 | -6.1 | -7.9  | 10.1 | 12.0 | 0.0 | 0.0 | ΔH <sup>*</sup> <sub>CIELAB</sub> = 6.6 |
| W 22                                                 | 92.7                 | 0.0                              | 0.1                  | 135                              | 92.7                          | 0.0                                       | 0.1             | 135 | 0.0 | 0.0  | 0.0   | 0.0  | 0.0  | 0.0 | 0.0 | ΔE <sup>*</sup> <sub>CIELAB</sub> = 7.4 |
| Mean colour reproduction index: R <sub>ab</sub> = 58 |                      |                                  |                      |                                  |                               |                                           |                 |     |     |      |       |      |      |     |     |                                         |

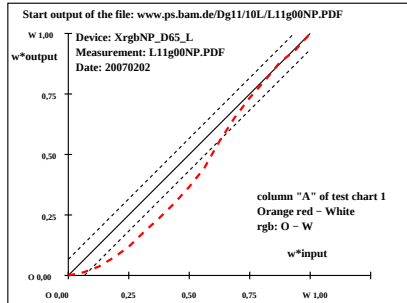
De170-3N, Device: FrbgNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129

| T                                                      | LAB*a <sub>ref</sub> | h <sub>ab</sub> y <sub>ref</sub> | LAB*b <sub>ref</sub> | h <sub>ab</sub> u <sub>ref</sub> | LAB*a <sub>out</sub> -ref ΔE* | h <sub>ab</sub> u <sub>out</sub> -ref ΔH* | Start output S1 |     |       |      |      |      |      |     |     |                                     |
|--------------------------------------------------------|----------------------|----------------------------------|----------------------|----------------------------------|-------------------------------|-------------------------------------------|-----------------|-----|-------|------|------|------|------|-----|-----|-------------------------------------|
| 0                                                      | 1 46.3               | 60.0                             | 40.4                 | 34                               | 46.3                          | 60.0                                      | 40.4            | 34  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | Specification according to          |
| 2                                                      | 49.4                 | 56.3                             | 37.9                 | 34                               | 46.3                          | 60.2                                      | 39.3            | 33  | -3.0  | 4.0  | 1.4  | 4.2  | 5.2  | 0.0 | 0.0 | ISO/IEC 15775:1999 Annex G          |
| 3                                                      | 52.4                 | 52.5                             | 35.4                 | 34                               | 46.2                          | 60.6                                      | 37.3            | 32  | -6.2  | 8.1  | 1.9  | 8.3  | 10.4 | 0.0 | 0.0 | and DIN 33866-1:2000 Annex G        |
| 4                                                      | 55.5                 | 48.8                             | 32.8                 | 34                               | 47.1                          | 60.0                                      | 34.0            | 30  | -8.3  | 11.3 | 1.2  | 11.3 | 14.1 | 0.0 | 0.0 | relative CIELAB data used for "out" |
| 5                                                      | 58.6                 | 45.0                             | 30.3                 | 34                               | 48.6                          | 58.4                                      | 30.4            | 27  | -9.9  | 13.4 | 0.1  | 13.4 | 16.7 | 0.0 | 0.0 | ΔE* = 95.41 - 46.31                 |
| 6                                                      | 61.7                 | 41.3                             | 27.8                 | 34                               | 50.7                          | 55.6                                      | 26.0            | 25  | -10.8 | 14.3 | -1.7 | 14.5 | 18.1 | 0.0 | 0.0 | Regularity                          |
| 7                                                      | 64.7                 | 37.5                             | 25.3                 | 34                               | 53.3                          | 51.8                                      | 22.8            | 24  | -11.3 | 14.3 | -2.4 | 14.5 | 18.5 | 0.0 | 0.0 | g* = 11.8                           |
| 8                                                      | 67.8                 | 33.8                             | 22.7                 | 34                               | 56.9                          | 46.7                                      | 20.7            | 24  | -10.8 | 13.0 | -1.9 | 13.1 | 17.1 | 0.0 | 0.0 | Lightness gamut relative to offset  |
| 9                                                      | 70.9                 | 30.0                             | 20.2                 | 34                               | 60.7                          | 41.1                                      | 18.9            | 25  | -10.1 | 11.1 | -1.2 | 11.2 | 15.1 | 0.0 | 0.0 | f* = 63.4                           |
| 10                                                     | 73.9                 | 26.3                             | 17.7                 | 34                               | 64.9                          | 34.8                                      | 17.4            | 27  | -8.9  | 8.5  | -0.2 | 8.6  | 12.4 | 0.0 | 0.0 | Orange red - White                  |
| 11                                                     | 77.0                 | 22.5                             | 15.2                 | 34                               | 70.6                          | 27.0                                      | 14.4            | 28  | -6.3  | 4.5  | -0.7 | 4.6  | 7.9  | 0.0 | 0.0 | rgb: O - W                          |
| 12                                                     | 80.1                 | 18.8                             | 12.6                 | 34                               | 75.6                          | 21.2                                      | 10.6            | 27  | -4.4  | 2.5  | -1.9 | 3.2  | 5.5  | 0.0 | 0.0 | Mean CIELAB difference (17 steps)   |
| 13                                                     | 83.1                 | 15.0                             | 10.1                 | 34                               | 80.1                          | 15.9                                      | 8.3             | 28  | -2.9  | 0.9  | -1.7 | 2.0  | 3.6  | 0.0 | 0.0 | ΔH*CIELAB = 6.6                     |
| 14                                                     | 86.2                 | 11.3                             | 7.6                  | 34                               | 84.1                          | 11.4                                      | 6.3             | 29  | -2.0  | 0.1  | -1.2 | 1.3  | 2.4  | 0.0 | 0.0 | ΔE*CIELAB = 8.9                     |
| 15                                                     | 89.3                 | 7.5                              | 5.0                  | 34                               | 88.4                          | 6.7                                       | 4.0             | 31  | -0.8  | -0.7 | -0.9 | 1.3  | 1.6  | 0.0 | 0.0 | Mean CIELAB difference (5 steps)    |
| 16                                                     | 92.3                 | 3.8                              | 2.5                  | 34                               | 90.0                          | 3.2                                       | 1.9             | 31  | -2.3  | -0.4 | -0.5 | 0.8  | 2.5  | 0.0 | 0.0 | ΔH*CIELAB = 6.6                     |
| 17                                                     | 95.4                 | 0.0                              | 0.0                  | 0.0                              | 95.4                          | 0.0                                       | 0.0             | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | ΔE*CIELAB = 8.9                     |
| 18                                                     | 46.3                 | 60.0                             | 40.4                 | 34                               | 46.3                          | 60.0                                      | 40.4            | 34  | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | Mean CIELAB difference (5 steps)    |
| 19                                                     | 58.6                 | 45.0                             | 30.3                 | 34                               | 48.6                          | 58.4                                      | 30.4            | 27  | -9.9  | 13.4 | 0.1  | 13.4 | 16.7 | 0.0 | 0.0 | ΔH*CIELAB = 6.6                     |
| 20                                                     | 70.9                 | 30.0                             | 20.2                 | 34                               | 60.7                          | 41.1                                      | 18.9            | 25  | -10.1 | 11.1 | -1.2 | 11.2 | 15.1 | 0.0 | 0.0 | ΔE*CIELAB = 7.1                     |
| 21                                                     | 83.1                 | 15.0                             | 10.1                 | 34                               | 80.1                          | 15.9                                      | 8.3             | 28  | -2.9  | 0.9  | -1.7 | 2.0  | 3.6  | 0.0 | 0.0 | Mean CIELAB difference (5 steps)    |
| 22                                                     | 95.4                 | 0.0                              | 0.0                  | 0.0                              | 95.4                          | 0.0                                       | 0.0             | 0.0 | 0.0   | 0.0  | 0.0  | 0.0  | 0.0  | 0.0 | 0.0 | ΔH*CIELAB = 6.6                     |
| Mean colour reproduction index: R <sub>ab,m</sub> = 61 |                      |                                  |                      |                                  |                               |                                           |                 |     |       |      |      |      |      |     |     |                                     |

De171-3N, Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202



De170-3N, Device: FrbgNP\_D65\_L; Measurement: L11g00NA.PDF; Date: 20070129



De171-3N, Device: XrgbNP\_D65\_L; Measurement: L11g00NP.PDF; Date: 20070202

Output specification of the test chart 1 according to 33872-1  
17 step colour scale "A"; rgb input data; 2 devices, Page 1/24

input: rgb (->oly\*) setrgbcolor  
output: no change compared to input

BAM registration: 20080301-De17/L17E00N1.PS/.TXT  
application for output of monitor, data projector, or printer systems

BAM material: code=tha4ta